

CLAIMS

What is claimed is:

1. A voice spelling method comprising the steps of:
in an audio-only interface, receiving a plurality of audio signals representative of
spoken characters, said plurality of spoken characters specifying a string; and,
through said audio-only interface, providing audible feedback in between each
received spoken character.
2. The voice spelling method of claim 1, further comprising the steps of:
through said audio-only interface, audibly playing back each spoken character;
accepting a voice selection of one of said played back characters, said selection
denoting a disputed character;
identifying a replacement character; and,
replacing said disputed character with said identified replacement character in
said specified string.
3. The voice spelling method of claim 2, further comprising the step of:
suggesting a replacement character for use in place of said disputed character.
4. The voice spelling method of claim 3, wherein said step of suggesting a
replacement character comprises the steps of:
querying a database of empirically determined replacement characters for a
suitable replacement character; and,
suggesting a replacement character based upon results of said query.
5. The voice spelling method of claim 3, wherein said step of suggesting a
replacement character comprises the steps of:
generating an n-best list of replacement characters; and,

4 suggesting a replacement character based upon said n-best list.

1 6. The voice spelling method of claim 1, wherein said step of receiving a plurality of
2 audio signals representative of spoken characters comprises the step of:

3 speech recognizing a plurality of words, each word representing a spoken
4 character, each said word encoding said represented character according to an alpha
5 grammar; and,

6 decoding each said word into said represented character.

1 7. The voice spelling method of claim 1, wherein said step of providing audible
2 feedback comprises the step of:

3 generating an audible beep for each spoken character received.

1 8. A voice spelling method comprising the steps of:

2 (a) receiving through an audio-only interface an audio signal representative of
3 a spoken character;

4 (b) speech recognizing said audio signal, said speech recognition producing a
5 textually equivalent character;

6 (c) responsive to said production of said textually equivalent character,
7 providing audible feedback through said audio-only interface; and,

8 (d) repeating steps (a)-(c) until receiving through said audio-only interface a
9 voice command to stop;

10 whereby said produced textually equivalent characters specify a string.

1 9. The voice spelling method of claim 8, further comprising the steps of:

2 replaying through said audio-only interface each textually equivalent character;

3 accepting a selection of one of said textually characters;

4 identifying a replacement character for said selected character; and,

5 replacing said selected character with said replacement character.

1 10. The voice spelling method of claim 9, wherein said identifying step comprises the
2 step of:

3 suggesting a replacement character for use in place of said selected character.

1 11. The voice spelling method of claim 10, wherein said step of suggesting a
2 replacement character comprises the steps of:

3 querying a database of empirically determined replacement characters for a
4 suitable replacement character; and,

5 suggesting a replacement character based upon results of said query.

1 12. The voice spelling method of claim 10, wherein said step of suggesting a
2 replacement character comprises the steps of:

3 generating an n-best list of replacement characters; and,

4 suggesting a replacement character based upon said n-best list.

1 13. The voice spelling method of claim 8, wherein said step of providing audible
2 feedback comprises the step of:

3 generating an audible beep for each textually equivalent character produced.

1 14. The voice spelling method of claim 8, wherein said receiving step comprises the
2 step of:

3 receiving through an audio-only interface an audio signal representative of an
4 alpha grammar encoded character.

1 15. The voice spelling method of claim 14, wherein said step of speech recognizing
2 said audio signal comprises the steps of:

3 speech recognizing said alpha grammar encoded character; and,

4 decoding said encoded character. said decoding producing a textually equivalent
5 character.